

ANNUAL SHELLFISH MANAGEMENT REVIEW
for the period
January 1st to December 31st, 2003

Municipality: _____ **Date:** _____

The Shellfish Conservation Committee submits the following information in partial fulfillment of its responsibilities under Chapter 7 of the Department of Marine Resources Regulations and the Shellfish Conservation Ordinance of this municipality.

Statement of Management Goals and Implementation Actions

The goals of shellfish management for this municipality have been: (check only one of each pair)

- 1) ☐ provide a harvesting opportunity for the maximum number of participants
☐ maximize individual harvest by minimizing the number of participants
- 2) ☐ increase the clam resource through various enhancement activities
☐ maintain a sustainable yield through the vigorous use of production controls
- 3) ☐ provide for recreational harvesting in preference to commercial harvesting
☐ provide for commercial harvesting in preference to recreational harvesting
- 4) ☐ maximize the economic value of the resource by adjusting production
☐ maintain a constant production to provide a steady but variable income

The following management controls were utilized: (check all that apply)

- ☐ limit the number of commercial harvesters
- ☐ limit the number of recreational harvesters
- ☐ restrict times of harvest
- ☐ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☐ limit the amount of recreational harvest
- ☐ other _____

The following management activities were undertaken: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or seeding with hatchery stock
- ☐ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other _____

Shellfish Committee/Staff**Municipality:**_____

Title	Name	Mailing Address	Telephone
Chair	_____	_____	_____
Vice Chair	_____	_____	_____
Secretary	_____	_____	_____
Member(s)	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
Selectmen/ Council Rep.	_____	_____	_____
Wardens	_____	_____	_____
	_____	_____	_____
WQSpec(s)	_____	_____	_____
	_____	_____	_____

Committee MeetingsThe Shellfish Committee holds regularly scheduled meetings: ☐ yes ☐ no

The following number of meetings was held during the past year:_____

Minutes of meetings are recorded, filed and are available upon request: ☐ yes ☐ no**Conservation Credit**The opportunity to obtain conservation credit is provided: ☐ yes ☐ no

The total number of conservation hours need to obtain credit is_____.

Conservation credit is required to obtain a: ☐ renewal license☐ new license

Conservation hours are given for:

☐ meeting attendance☐ coastal cleanup☐ brushing☐ committee service☐ surveys☐ predator control☐ educational activities☐ reseeding☐ _____

If conservation credit is not provided, the total number of volunteer man-hours documented for management activities during the past year is _____.

Summary of Warden Activities**Municipality:** _____

Hours Patrolled: _____
Diggers Checked: _____
Warnings Given: _____
Summon Issued: _____
Court Appearances: _____
Convictions: _____

Enforcement of the shellfish management ordinance has been: ☐ satisfactory
☐ unsatisfactory

Enforcement could be improved by: ☐ more hours patrolled ☐ better training
☐ more wardens ☐ greater state support
☐ better equipment ☐ other _____

The warden is provided with a written job description: ☐ yes ☐ no

Production Data Collected by the Warden

Month	Avg. Daily Catch/Digger	Avg. # of Diggers/Day	Total # of Days Dug	Total Lbs <input type="checkbox"/> or Bushels <input type="checkbox"/>
January	_____	X _____	X _____	= _____
February	_____	_____	_____	_____
March	_____	_____	_____	_____
April	_____	_____	_____	_____
May	_____	_____	_____	_____
June	_____	_____	_____	_____
July	_____	_____	_____	_____
August	_____	_____	_____	_____
September	_____	_____	_____	_____
October	_____	_____	_____	_____
November	_____	_____	_____	_____
December	_____	_____	_____	_____
			TOTAL	_____

Warden(s)Training DateNomination Date

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Shellfish Conservation Budget
Municipality: _____

License Receipts	Allocation	Sold	Received
<i>Commercial</i>			
Resident			\$
Nonresident			\$
Senior Resident			\$
Senior Nonresident			\$
Junior/Student Resident			\$
Junior/Student Nonresident			\$
Other			\$
<i>Recreational</i>			
Resident			\$
Nonresident			\$
Daily/Weekly/Monthly Res.			\$
Daily/Weekly/Monthly Nonres.			\$
Senior Resident			\$
Senior Nonresident			\$
Junior/Student Resident			\$
Junior/Student Nonresident			\$
Other			\$
SUBTOTAL (1)			\$
Receipts Independent of License Fees			
Shellfish Conservation Account Carried Forward			\$
Funds Raised for Warden			\$
Funds Raised for Management Activities			\$
Fines			\$
Other			\$
SUBTOTAL (2)			\$
TOTAL Receipts (1+2)			\$
Disbursements			
Warden Salary			\$
Mileage			\$
Clothing			\$
Equipment			\$
Training			\$
SUBTOTAL (3)			\$
Advertising			\$
Supplies			\$
Surveys			\$
Seeding			\$
Miscellaneous			\$
SUBTOTAL (4)			\$
TOTAL Disbursements (3+4)			\$

Management Activities by Flat

Municipality:_____

The following is a list of clam harvest areas in which management activities were conducted during the past year and the dates when they occurred. ☐ No activities were conducted.

[illegible]

Proposed Management Controls**Municipality:** _____

The following management controls will be utilized for the coming year: (check all that apply)

- ☐ limit the number of commercial harvesters
- ☐ limit the number of recreational harvesters
- ☐ restrict times of harvest
- ☐ restrict the areas of harvest
- ☐ limit the amount of commercial harvest
- ☐ limit the amount of recreational harvest
- ☐ other _____

Proposed Shellfish Licenses

<u>License</u>	<u>Number</u>	<u>Cost @</u>
<i>Commercial</i>		
Resident	_____	\$ _____
Nonresident	_____	\$ _____
Senior Resident	_____	\$ _____
Senior Nonresident	_____	\$ _____
Junior/Student Resident	_____	\$ _____
Junior/Student Nonresident	_____	\$ _____
Other	_____	\$ _____
<i>Recreational</i>		
Resident	_____	\$ _____
Nonresident	_____	\$ _____
Daily/Weekly Monthly Res.	_____	\$ _____
Daily/Weekly Monthly Nonres.	_____	\$ _____
Senior Resident	_____	\$ _____
Senior Nonresident	_____	\$ _____
Junior/Student Resident	_____	\$ _____
Junior/Student Nonresident	_____	\$ _____
Other	_____	\$ _____

License number determination is based upon: ☐ calculation using survey data
☐ survey data as a guide
☐ harvester input
☐ need/demand

The above numbers are:

- ☐ tentative, the actual numbers to be determined later
- ☐ firm, have been or will be submitted to DMR

Proposed Management Activities**Municipality:** _____

The following management activities will be undertaken during the coming year: (check all that apply)

- ☐ predator protection through fencing, netting, trapping and etc.
- ☐ reseeding from high density areas or with hatchery stock
- ☐ flat surveys to determine size distribution and density
- ☐ harvester surveys to obtain catch and effort data
- ☐ enhance natural seeding through brushing, roughing and etc.
- ☐ establishing conservation areas for flat rotation
- ☐ other _____

In order to implement these management activities the committee will utilize: (check all that apply)

- ☐ harvesters vested with conservation credit
- ☐ harvester volunteers
- ☐ paid harvesters
- ☐ municipal employees
- ☐ paid consultants
- ☐ other _____

To provide a forum for harvester input in management planning, the shellfish committee plans to meet:

- ☐ annually
- ☐ biannually
- ☐ quarterly
- ☐ bimonthly
- ☐ monthly

Meeting notification for other than regularly scheduled meetings is by:

- ☐ mailing
- ☐ phone call
- ☐ posting
- ☐ newspaper
- ☐ word of mouth

In order to keep the DMR informed and to solicit advice on management activities, the shellfish committee will:

- ☐ request the area biologist to participate in all meetings
- ☐ request the area biologist to participate in only specific meetings
- ☐ invite the area biologist to attend all meetings
- ☐ invite the area biologist to attend only specific meetings

Proposed Activities by Flat

Municipality: _____

The following is a list of clam harvest areas in which management activities are planned for the coming year and the probable dates the activities would occur.

☐ No activities are planned. ☐ No specific activities are planned as yet.

[illegible]

Summary of Clam Flat Survey Data**Municipality:** _____

The following is a list of surveys conducted during the past year. Survey data should be attached if not previously provided to DMR.

☐ No surveys were conducted.

Clam Flat	Survey Date	Acreage	Density (bu/a)	Standing Crop (bu.)	%>2" by vol.

The flats surveyed represent approximately _____% of the total productive flats.

Summary of Transplant Activities**Municipality:** _____

The following seeding / reseeding activities were conducted during the past year.

☐ No seeding / reseeding activities were conducted.

	Event 1	Event 2	Event 3	Event 4
Date				
Supervisor				
Crew #				
Amount				
Mean Size				
Size Range				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				
	Event 5	Event 6	Event 7	Event 8
Date				
Supervisor				
Crew #				
Amount				
Mean Size				
Size Range				
Source				
Source Flat				
Receiv. Flat				
Netted (y/n)				
Closed until				

Summary of Conservation Closures**Municipality:**_____

The following is a list of conservation closures implemented or in effect during the past year.

☐ No conservation areas were closed. (This table is for areas normally open.)

Conservation Area	Acreage	Closing Date	Opening Date	Total Days	Reason

Summary of Conservation Openings

The following is a list of conservation openings implemented or in effect during the past year.

☐ No conservation areas were opened. (This table is for areas normally closed.)

Conservation Area	Acreage	Opening Date	Closing Date	Total Days	Reason